1. CERTIFICATE NUMBER: 42-R-0002

CUSTOMER NUMBER: 1574

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Des Moines University Come-3200 Grand Ave Des Moines, IA 50312

Telephone: (515) -271-1500-

- 1520

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Animal Care Facility, Science and Education Building, Des Moines University Surgical Facility, Science and Education Building, Des Moines University

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	RCH FACILITY (Attach addition	al sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilizings would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			45		45
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs			2		ヌ
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

(AUG 91)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual researching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximate (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Officer or Legally F	desponsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL!	TLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	hard M. Ryan, Jr., D.Sc.	117202

additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0003

CUSTOMER NUMBER: 1575

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

lowa State University 1426 Vet Med Attn: Ames, IA 50011

Telephone: (515) -294-8507

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	research, accompa the use o drugs wo or interpr surgery, o producing	of animals upon which teaching, experiments, surgery or tests were conducted involving nying pain or distress to the animals and for wi- f appropriate anesthetic, analgesic, or tranquiliz lub have adversely affected the procedures, res- setation of the teaching, research, experiments, or tests. (An explanation of the procedures pain or distress in these animals and the reasc is were not used must be attached to this repon	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
I. Dogs		10.6		32	*	615		0	707
5. Cats		O		2	K	286		C	288
. Guinea Pigs		Ö		34	*	4		0	38
. Hamsters		0		58		0		0	.58
. Rabbits		0		40	*-	37		O	68
. Non-human Primates		0		O		O		C)	\circ
). Sheep		0		\circ		C		0	0
1. Pigs		0		44		C		<i>O</i>	44
2. Other Farm Animals									
Herses		0		15		0		0	15
errets		Ö		12				0	12
hinehillas		O		2		C)		C	2
2015		Ö		la		C		C	6;

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximate and use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
March Contract	Vice Propost for Rosearch	11-26-02

PHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(Augs) 1 1977 dags, 286 cats, 4 guinea pigs, and brabbits were used in the Humane Societies.

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

This report is required by law (7 USC 2143). Failule to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

additional information

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 43 -R - CCC3

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Eustomer # 1575

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

Iowa State University 1426 Vet Mea

Attn

Ames, IA 50011

Telephone (515) 294 8501

PORT OF ANIMALS USED BY OF		RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use this form.)	
Animals Covered By The Animal Welfare Regulations 12 &/OR 13. Other (List by species)	B. Number of animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthelic, analgesic, or tranquilizing drugs would have adversely attected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
ratte	Ű	3	U	0	3
razilion stert- ruled opossums ver Mice amfire Bats thontail rabbits	47	Ü	8.3	Ö	82
ruled opessums					
er Mice	O	154	O	0	154
impire Bats	4	C,	0	Ü	C
Hontail rabbits	C	4	0	0	4
cats	C	1.7	O	Ù	12
edgehug	()	Ã	Ü	()	ユ

SURANCE STATEMENTS

- i). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- !). Each principal investigator has considered alternatives to painful procedures.
- 1). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 1). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY	Y OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional	Official)

t certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

11.26 62

DATE SIGNED

VILE Propost for Research

IOWA STATE UNIVERSITY (42-R-0003)

ANIMAL FACILITIES

Laboratory Animal Resources

Veterinary Medical Research Institute

Animal Resource Station

Kildee Hall

Human Nutritional Sciences Building

Molecular Biology Building

Science II

1. CERTIFICATE NUMBER: 42-R-0004
CUSTOMER NUMBER: 1576

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

University Of Iowa Animal Care Unit 400 Medical Laboratories Iowa City, IA 52242

Telephone: (319) -335-7985

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)
4. Dogs	5		54		54
5. Cats	2	115	27		142
6. Guinea Pigs	2		51		51
7. Hamsters	3	139	69		208
8. Rabbits	36	120	330		450
9. Non-human Primates	8		9		9
10. Sheep	7	44	117		161
11. Pigs		18	318		336
12. Other Farm Animals					
3. Other Animals					
Pigeon	11	52			52
Frog	55	461	17		478
Ferret	3	82	40		122

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and apr. Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

C	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) David J. Skorton Vice President for Research and External	DATE SIGNED

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Relations

See reverse side for additional information.

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 42-R-0004

include Zip Code)

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University of Jowa Animal Care Unit 400 Medical Laboratories

Iowa City, IA 52242

ph# (319)335-7985

Animals Covered bred, By The Animal conditions Welfare Regulations held to teaching experiments researched.	Is being ioned, or or use in ng, testing, ments, ch, or y but not ed for such animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used. 7.7	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report) 77
Chicken		77	77
	1	1	
		+	
ASSURANCE STATEMENTS		1	1

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Officer or	UARTES RESEARCH FACILITY OFFICIAL Legally Responsible Institutional Official) e, correct, and complete (7 U.S.C. Section 2143).	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print)	DATE SIGNED
3984h	David J. Skorton Vice President for Research and External Relations	

Customer ID and Site Address.

iD: 1576

400 Medical Lab Iowa City, IA 52242 County: Johnson

Telephone (319)335-7985

Facility Locations:

College of Medicine:

- Bowen Science Building
- Medical Laboratories
- Oakdale

College of Liberal Arts: - Biology Department - Psychology Department

1. CERTIFICATE NUMBER: 42-R-0005 CUSTOMER NUMBER:

1577

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Drake University 2507 University Ave. Des Moines, IA 50311

Telephone: (515) -271-4933

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPURT OF ANIMALS	USED BY OR UNDER (CONTROL OF RESEARC	H FACILITY (Attach addition	nal sheets if necessary or use APHIS Form 7023A 1	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which expenments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilized rugs would have adversely affected the procedures, resor interpretation of the teaching research experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	7				
5. Cats	\mathcal{Z}				
6. Guinea Pigs	\mathcal{Z}			i	
7. Hamsters	(Z)				
B. Rabbits	Ø				
9. Non-human Primates	Ø,				
0. Sheep	\mathcal{D}				
1. Pigs	Ø				
2. Other Farm Animals	Ď				
3. Other Animals	Ø				

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese. teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other espects of epimal care and use

,		ord the provision of adequate veterinary date and to overses the adequacy or other aspects	Or distribution of the door.
	CERTIFICATION BY HE	ADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief Executive Office	er or Legally Responsible Institutional Official)	1
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	<u> </u>	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		David Maxwell, President	Misle

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Drake University

See attached form for additional information. Interagency Report/Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 42-R-0016

CUSTOMER NUMBER: 1579

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Mercy Med Center-Sioux City 801 5th St

Sioux City, IA 51102

Telephone: (712) -279-2156

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	CH FACILITY (Attach addition	nal sheets if necessary or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tesis were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranguilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilized urgs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			6		6
5. Cats					
6. Guinea Pigs				!	
7. Hamsters		:			
8. Rabbits					
9. Non-human Primates					•
I0. Sheep		i			
I1. Pigs	İ				
2. Other Farm Animals					
3. Other Animals					
		į			
ACCUSANCE CTATEMENT					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Minist Coordinator for ATLS

DATE SIGNED

10.3-0

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL MONILA ARENS

Monus Clero RV. 650

See attached form for additional information. Interagency Report Control No..

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 42-R-0019

> CUSTOMER NUMBER: 1580

FORM APPROVED OMB NC. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Boehringer Ingelheim Vetmedica, Inc 1568 N Main Ave Sioux Center, IA 51250

Telephone: (712) -722-4696

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USEC	BY OR UNDER	CONT	ROL OF RESEA	RCH F	ACILITY (Attach addition	al sh	eets if necessary or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	В.	Number of animal being bred. conditioned: or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	c.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for with the use of appropriate anesthetic, analgesic, or tranquitiz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs									
5. Cats							i		
6. Guinea Pigs				•	:	88			88
7. Hamsters					:				
8. Rabbits						22	•		22
9. Non-human Primates	- . ——				:				
10. Sheep									
11. Pigs	:				 :				
12. Other Farm Animals	!								
13. Other Animals	·								
					<u>i </u>	<u> </u>		, ,	
	i 				:				, , , , , , , , , , , , , , , , , , , ,

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reseteaching, testing, surgery, or experimentation were followed by this research facility.
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- The attending veterinaries for this respect facility has appropriate sutherity to excurs the projector of edequate veterinary care and to express the adequate of other accounts of enter accounts of enter accounts.

	QUARTERS RESEARCH FACILITY OFFICIAL or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Color Color	Fred Sick, DVM Clinical Service Veterinaria	n

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

1. CERTIFICATE NUMBER: 42-R-0026 CUSTOMER NUMBER: 1582 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Kirkwood Comm College 6301 Kirkwood Blvd Sw Cedar Rapids, IA 52406

Telephone: (319) -398-5609

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of being bre condition- held for u teaching, experime research, surgery b used for s purposes	d, ed, or se in testing, nts, or ut not ye such	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	11		4	51		66
5. Cats			14	19		33
6. Guinea Pigs			12			12
7. Hamsters			7			7
8. Rabbits			9			9
9. Non-human Primates						
10. Sheep						
11. Pigs						
12. Other Farm Animals						
MIN. HORSE			1			1
13. Other Animals						
LLAMA			1			1
FERRETS			5			5
GERBILS			2			1

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximate (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary interest brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	ION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL cutive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.EO. OR INSTITUTO HAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
162 lucy	DR. NORMAN NIELSEN, PRESIDENT	10/25/02

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

10

See reverse side for additional information

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

include Zip Codel CONTINUATION SHEET FOR ANNUAL REPORT

> OF RESEARCH FACILITY (TYPE OR PRINT)

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use this form.)	
Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other (List by species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely aftected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (COIS. C + D + E)
CHINCHILLA		1			1
					~~~~
ASSURANCE STATEMENTS					

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

(Chief Executive Officer or	UARTES RESEARCH FACILITY OFFICIAL Legally Responsible Institutional Official) e, correct, and complete (7 U.S.C. Section 2143).
SIGNATURE OF C. P.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)
thintul	DR. NORMAN NIELSEN, PRESIDENT

DATE SIGNED

**APHIS FORM 7023A** (AUG 91)

PART 1 - HEADQUARTERS

1. CERTIFICATE NUMBER: 42-R-0027 CUSTOMER NUMBER: 1583

FORM APPROVED OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY** (TYPE OR PRINT)

Midland Bioproducts Corp Po Box 309 Boone, IA 50036

Telephone: (515) -432-5516

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations		Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for when use of appropriate anesthetic, analgesic, or tranquilized rugs would have adversely affected the procedures, rest or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report.)	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs							<del>                                     </del>		<u> </u>
5. Cats			<b> </b>				+		
6. Guinea Pigs	1				<del> </del>		T		
7. Hamsters	+			<u> </u>	+		+		
8. Rabbits	+						$\dagger$		
9. Non-human Primates	+		<b> </b>				+		
10. Sheep	+				-		$\dagger$		
11. Pigs	<del>                                     </del>						T		
12. Other Farm Animals	<del> </del>				<del></del>		+		
goats		57	<b> </b>	622		Make term - and an analysis of the second	T		622
13. Other Animals							<del> </del>		
4 COURANGE STATEMENTS									

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	EADQUARTERS RESEARCH FACILITY OFFICIAL cer or Legally Responsible Institutional Official)	
, SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
my styre Callery	Richard D. Jorgenson, President/COO	11.07.2002
APHIS FORM 7023 (Replaces VS FORM 18-2) (OCT 88) which is obsolete.)		

(AUG 91)



ANNUAL REPORT OF RESEARCH FACILITY Registration No. 42-R-0027 Customer No. 1583

**November 7, 2002** 

ITEM 3 – List location of each Facility or Site where animals were housed or used in actual research, testing, teaching, or experimentation, or held for those purposes.

MBC Animal Operations 1284 Quill Avenue Boone, IA 50036

Rental Facility 1826 230th Street Boone, IA 50036

Rental Facility 1437 230th Street Boone, IA 50036

Rental Facility 1285 T Avenue Boone, IA 50036

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0029

CUSTOMER NUMBER: 1617

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Elmira Biologicals Inc. 5514 Elmira Rd Ne Iowa City, IA 52240

Telephone: (319) -643-2275

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USEL	BY OR UNDER	CONT	ROL OF RESEAS	RCH F	ACILITY ( Attach addition	onal sh	neets if necessary or use APHIS Form 7023A )	
Animals Covered By The Animal Welfare Regulations	В.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted invotving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resorinterpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs									·
5. Cats			<u> </u>		1				
6. Guinea Pigs	<del></del>				-				
7. Harnsters	ļ				!				
8. Rabbits									_0
9. Non-human Primates									.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
10. Sheep		7.2		23			1		23
11. Pigs									
12. Other Farm Animals									
13. Other Animals				9	<u> </u>				9
Nene					-		 		
			<u> </u>			·			

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, duning, and following actual research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximate the committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
More fill rand	Llene J. W. Corde fire	11-26 02

APHIS FORM 7023 / ( AUG 91 ) (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

See attached form for additional information.

interegency, Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0030

CUSTOMER NUMBER: 1624

FORM APPROVED OMB NO: 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Veterinary Resources, Inc 416 Douglas Avenue, Suite 100 Po Box 866 Ames, IA 50010

Telephone: (515) -233-2349

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	teaching, research, surgery, or tests were con-fucted involving accompanying pain or distress to the animats an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilized uses would have adversely affected the procedures, restor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
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	experiments, research, or surgery but not ye used for such purposes.	expeniments, research, or surgery but not ye used for such purposes.	experiments, research, or surgery but not ye used for such purposes.  Description of the conducted involving no pain, distress, or use or pain-relieving drugs.  Conducted involving no pain, distress, or use or pain-relieving drugs.  Conducted involving no pain, distress, or use or pain-relieving drugs.  Conducted involving no pain, distress, or use or pain-relieving drugs.  Conducted involving no pain, distress, or use or pain-relieving drugs were used.	experiments, research, or surgery but not ye used for such purposes.  D

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, pnor to, during, and following actual resenteaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal Investigator and approximate Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 42-R-0031 CUSTOMER NO. 1653

FORM APPROVED OMB NO. 0579-0036

### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

TRANS OVA GENETICS 2938 380TH ST SIOUX CENTER, IA 51250 (712) 722-3586

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

see attacked sheet

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs	0	0	0	0	0
12. Other Farm Animals					
Cattle	79	23	134		157
13. Other Animals					
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional official)  I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	PAND FASER PONDER THE THE CONTROL OF THE	DATE SIGNED					

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

**PART 1 - HEADQUARTERS** 

### 3. Reporting Facilities:

1. Trans Ova Genetics 2938 380th Street Sioux Center, IA 51250 Phone: (712) 722-3586 Fax: (712) 722-3577

Genetic Advancement Center
 3483 US 75 Avenue,
 Hull, IA 51239
 Phone: (712) 722-4193

Fax: (712) 722-3572

- 2. a. South Barn 4251 US 75 Avenue Sioux Center, IA 51250
- 2. b. John Broek Farm 3145 360th Street Sioux Center, IA 51250
- 2. c. Paul Altena Farm 3726 250th Street George, IA 51237

T. REGISTRATION NO. 42-R-0032

Cust # 1751

FORM APPROVED OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY** (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA Stockera Cancer Res. Inst. 1415 Woodland Are Stc. 218 Des Maines TA 50309

REPORTING FACILITY (List all locations where animals were housed or used in actual	ial research, testing, teaching, or experimentation, or held for these purposes. Attach additional
sheets if necessary.)	Phone: (515) 241-8787
	1 Nore: (3/3) 241 8101

FACILITY LOCATIONS (Sites)

1415 woodland Are, Ste 218

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	G. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pale or distress to the animals and for which appropriate anesthetic, analogate, or tranquilizing drugs were used.	E. Mumber of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying poin or distress to the animals and for which the use of appropriate anesthetic, analyssic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMAL: (Cols. C + D + E)
4. Dogs		Ø			Ø
5. Cats		Ø,			2
3. Guinea Pigs		Ø			1
7. Hamsters		0			2
8. Rabbits		$\emptyset$			0
9. Non-human Primates		Ø			9
10. Sheep		Ø.			2
11. Pigs		$\varphi$			4
12. Other Farm Animals		Ø			P
13. Other Animals		Ø			P

#### **ASSURANCE STATEMENTS**

- 1). Protessionally acceptable standards governing the care, treatment, and use of animals, including apprortate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional Official)    certify that the above is true, correct, and complete (7 U.S.C. Section 2143).							
SIGNATURE DECE O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OF INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
2d Cro	Eric The Crayall Prosident (CEO	11/26/02					

See attached form for additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 42-R-0035 CUSTOMER NUMBER: 16953

FORM APPROVED OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY** (TYPE OR PRINT)

Nadia E. Vandergaast, Dvm P.C. Creature Comfort Veterinary Center 2122 Act Circle lowa City, IA 52245

Telephone: (319) -338-9955

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	<b>B.</b>	Number of animal being bred, conditioned, or held for use in teaching, tosting, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	<b>E.</b>	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for withe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affacted the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	( COLUMNS
4. Dogs	İ		-						//
5. Cats									//
6 Guinea Pigs							-		
7. Hamsters	<del> </del>				!				
8. Rabbits	,								
9. Non-human Primates	:						i		//
10. Sheep					·				7
11. Pigs	;			$\overline{c}$		2.		C	2
12. Other Farm Animals									//
13. Other Animals							-		
	<u> </u>								//

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )								
/ / /	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)  NALIA E VANILE CAND DVW, P.25. JR3 / July	DATE SIGNED						

(AUG 91)